
Como criar um site utilizando ReactJS

Prof. Henrique Mota



henriqueMota



mota.henrique@gmail.com



INFINITY SCHOOL

VISUAL ART CREATIVE CENTER

Este é o Henrique.

Mestre em ciências da computação,
MBA em gestão estratégica de
projetos, apaixonado por projetos e
software. Professor no Centro
Universitário Estácio do Ceará

História apenas para fins ilustrativos :-)



Nossa agenda

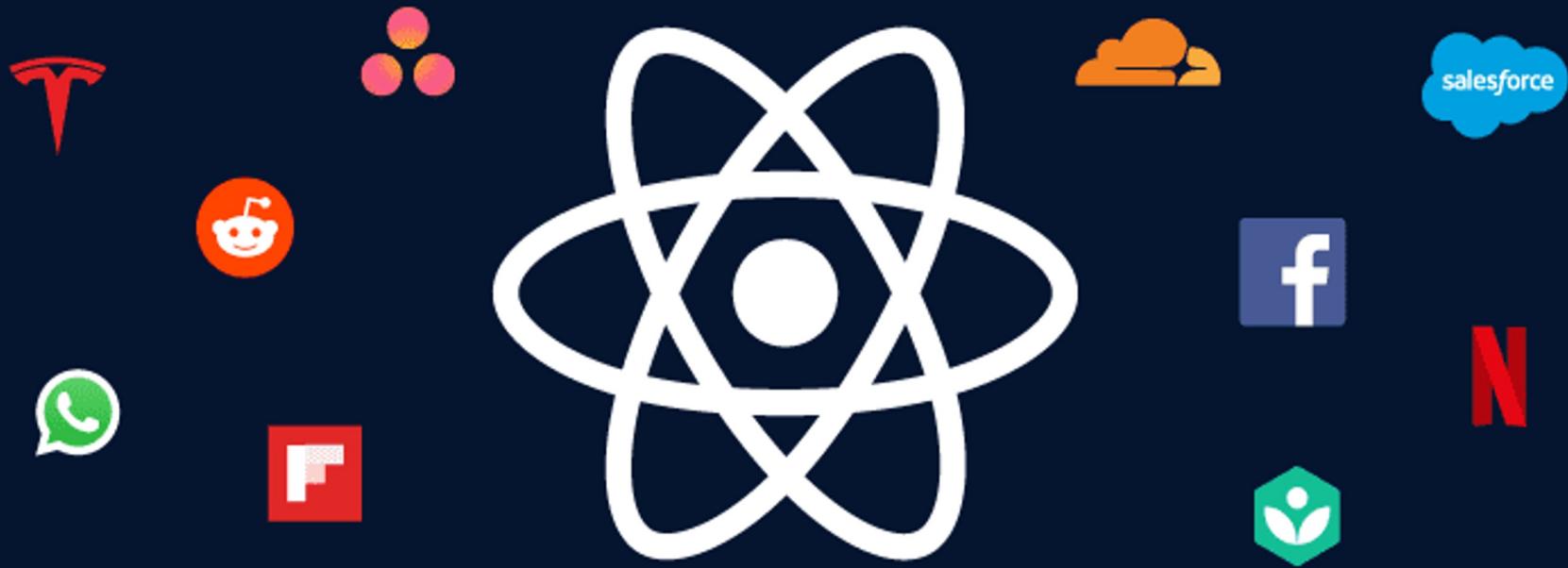
Apresentação das tecnologias e estrutura base do projeto

Componentizando e aplicando estilo ao seu portal

Integrando com o Firebase "API as A Service" ?!?!?!

O que é React?

biblioteca criada pelo facebook
para desenvolvimento de
interfaces gráficas de páginas
web.



Top Brands Using ReactJS

- Familiaridade com HTML e CSS
- Conhecimentos básicos de lógica de programação, Javascript ou qualquer linguagem moderna.
- Saber o básico sobre DOM
- Node.js e npm instalados

PRÉ-REQUISITOS



Tecnologias

ReactJS

React Router Dom

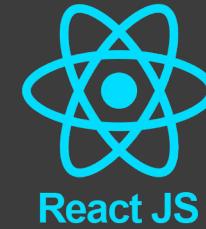
Bootstrap

Fontawesome Icons

Axios

Firebase

SASS



```
12  "dependencies": {  
13    "axios": "^1.4.0",  
14    "bootstrap": "^5.3.0",  
15    "firebase": "^9.22.2",  
16    "font-awesome": "^4.7.0",  
17    "react": "^18.2.0",  
18    "react-dom": "^18.2.0",  
19    "react-helmet-async": "^1.3.0",  
20    "react-router-dom": "^6.12.1",  
21    "sass": "^1.63.2"  
22  },
```

A screenshot of the Visual Studio Code (VS Code) interface, showing a React application setup. The left sidebar shows a file tree for a project named "SITE-REACTJS". The "main.jsx" file is selected in the tree, highlighted with a blue bar. The main editor area displays the content of "main.jsx". A large purple arrow points from the bottom terminal output back up towards the code editor. The terminal at the bottom shows the output of a Vite command, indicating it's ready in 757 ms, and provides local and network URLs for the application.

```
site-reactjs
main.jsx src X
src > main.jsx
5 import ReactDOM from 'react-dom/client'
6 import { HelmetProvider } from 'react-helmet-async'
7 import { RouterProvider } from "react-router-dom"
8 import routes from 'src/routes'
9 import 'src/styles/styles.scss'

10 ReactDOM.createRoot(document.getElementById('root')).render(
11   <React.StrictMode>
12     <HelmetProvider>
13       <Suspense fallback=<div>Carregando ... </div>>
14         <RouterProvider router={routes} />
15       </Suspense>
16     </HelmetProvider>
17   </React.StrictMode>,
18 )
19

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
zsh + ... ^ x

VITE v4.3.9 ready in 757 ms
→ Local: http://127.0.0.1:5173/
→ Network: use --host to expose
→ press h to show help
error Command failed with exit code 1.
info Visit https://yarnpkg.com/en/docs/cli/run for documentation about this command.
henriquemota@hngm-air site-reactjs %
```

React Components

Header

Moving
Image



Text

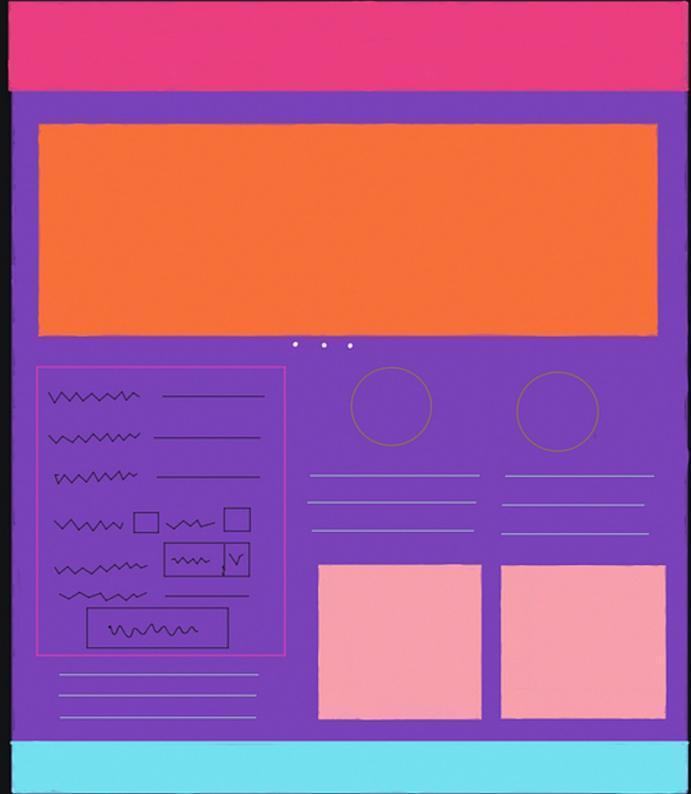


Card

Footer



- In here we are using Same 'Text', 'Image' and 'Card' components.
- We are reusing these components. Redusing code lines.



Firebase

"API as A Service"



The screenshot shows the Firebase console interface for the 'mapas-for' project. The left sidebar contains links for 'Visão geral do projeto', 'Atalhos do projeto' (Firestore Database, Autenticação, Hosting), 'O que há de novo' (Extensions, Functions), 'Criação' (Hosting, Analytics, Engajamento), and 'Todos os produtos' (Spark). The main content area displays the 'mapas-for' project details, including a summary card for 'Hosting' (1 app, 18 de mai. de 2023 15:38, Implantado by profherique@gmail.com) and a section for 'Armazene e sincronize dados de app em milissegundos'.

Links importantes

- <https://react.dev/>
- <https://vitejs.dev/>
- <https://getbootstrap.com/>
- <https://fontawesome.com/v4/icons/>
- <https://reactrouter.com/en/main>
- <https://axios-http.com/ptbr/>
- <https://firebase.google.com/>
- <https://firebase.google.com/docs/functions/get-started?gen=2nd>

Obrigado



henriquemota



mota.henrique@gmail.com

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